

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Helland et al.

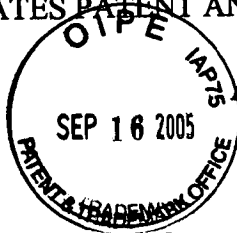
Application No. 09/425,102

Filed: October 22, 1999

For: SOFTWARE COMPONENT EXECUTION
MANAGEMENT USING CONTEXT OBJECTS
FOR TRACKING EXTERNALLY-DEFINED
INTRINSIC PROPERTIES OF EXECUTING
SOFTWARE COMPONENTS WITHIN AN
EXECUTION ENVIRONMENT

Examiner: Not yet assigned

Date: March 23, 2001



Art Unit: 2756

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on March 23, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Stephen W. Wright
Attorney for Applicant

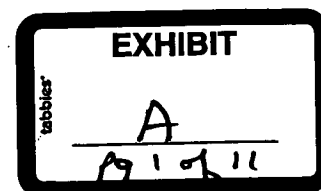
INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(3)

COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants filed this Information Disclosure Statement before the mailing date of a first Office action on the merits. However, if the Patent Office determines that a fee is required for Applicants to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.





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Respectfully submitted,

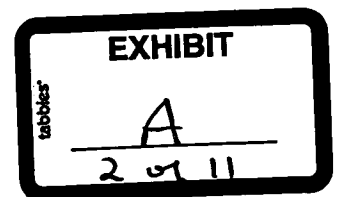
KLARQUIST SPARKMAN CAMPBELL
LEIGH & WHINSTON, LLP

By

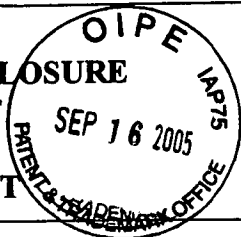


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**INFORMATION DISCLOSURE
STATEMENT
BY APPLICANT**



Docket: 3382-53553

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Filed: October 22, 1999

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U.S. PATENT DOCUMENTS

Init.*	Number	Date	Name	Class	Sub	Filed
	5,511,197	29-Nov-93	Hill et al.			
	5,075,848	22-Dec-89	Lai et al.			
	5,093,914	15-Dec-89	Coplien et al.			
	5,125,091	08-Jun-89	Staas, Jr. et al.			
	5,133,075	19-Dec-88	Risch			
	5,151,987	23-Oct-90	Abraham et al.			
	5,168,441	30-May-90	Onarheim et al.			
	5,181,162	06-Dec-89	Smith et al.			
	5,315,703	23-Dec-92	Matheny et al.			
	5,517,645	05-Nov-93	Stutz et al.			
	5,574,918	06-Jun-95	Hurley et al.			
	5,210,874	08-Apr-92	Karger			
	5,485,617	13-Dec-93	Stutz et al.			
	5,434,975	24-Sep-92	Allen			
	5,493,728	23-Jul-93	Solton et al.			
	5,504,898	20-Jun-94	Klein			
	5,519,867	19-Jul-93	Moeller et al.			
	5,555,368	30-Dec-93	Orton et al.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-53553	App: 09/425,102
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U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed
		5,555,388	20-Aug-92	Shaughnessy			
		5,574,862	14-Apr-93	Marianetti, II			
		5,598,562	01-Mar-94	Cutler et al.			
		5,603,063	27-Jun-94	Au			
		5,247,675	09-Aug-91	Farrell et al.			
		5,016,166	28-Sep-89	Van Loo et al.			
		5,675,796	16-Aug-96	Hodges et al.			
		5,787,281	28-Apr-95	Schreiber et al.			
		5,560,029	21-Jul-92	Papadopoulos et al.			
		5,179,702	11-Jun-90	Spix et al.			
		5,339,415	09-Nov-92	Strout II et al.			
		5,421,013	08-Jul-93	Smith			
		5,463,625	01-Oct-93	Yasrebi			
		5,630,136	09-Jun-95	Davidson et al.			
		5,742,822	19-Dec-95	Motomura			
		5,313,638	24-Mar-92	Ogle et al.			
		4,807,111	19-Jun-87	Cohen et al.			
		5,442,791	12-May-94	Wrabetz et al.			

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U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed
		5,459,837	21-Apr-93	Caccavale			
		5,579,520	13-May-94	Bennett			
		5,752,038	17-Jul-97	Blake et al.			
		5,307,490	26 Apr 94	Davidson et al.			
		6,182,108 B1	30 Jan. 01	Williams et al.			

FOREIGN PATENT DOCUMENTS

		Number	Date	Country	Class	Sub	
		EP0559100 A2	26-Feb-93	EPO			
		EP0638863 A1	08-Oct-94	EPO			
		EPO623876 A2	23 Mar. 94	EPO			

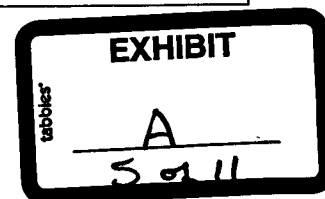
OTHER DOCUMENTS

			Tucker A. (Editor), Process Synchronization and Interprocess Communication, The Computer Science and Engineering Handbook, pages 1725-1746 (December 1996)
			"Active Objects in Hybrid," Proceedings of OOPSLA 1987, by O.M. Nierstrasz, pages 243-253, October 4-8 (1987)
			Kiczales, "Going Beyond Objects for Better Separation of Concerns in Design and Implementation," Aspect-Oriented-Programming, 1997, 1998.

EXAMINER:

DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

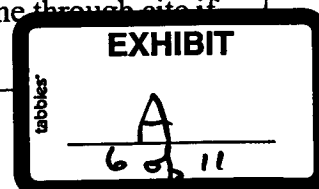


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	Applicant: Helland et al.	
	Filed: October 22, 1999	Art Unit: 2756

OTHER DOCUMENTS

			Lopes et al., "Proceedings of the Apect-Oriented Programming Workshop at ECOOP '97," 1997.
			Brockschmidt, "Chapter 6 Local/Remote Transparency," Inside Ole, 2d Ed., pp. 277-338 (1995).
			Orfali et al., ["COM:OLE's Object Bus"], The Essential Distributed Objects Survival Guide, Ch. 25, pp. 429-452 (© 1996).
			Orfali et al., "CORBA Services: System Management and Security," The Essential Distributed Objects Survival Guide, Ch. 10, pp. 183-202 (1996).
			Hamilton (Ed.), "JavaBeans™," Sun Microsystems, Version 1.01, pp. 1-114. (7/24/1997).
			Grimes, Chapter 7: Security, DCOM Programming: A guide to creating practical applications with Microsoft's Distributed Component Object Model, pp. 319-389 (1997).
			DCOM Architecture, by Markus Horstmann and Mary Kirtland, pages 1-51, July 23, 1997
			Hamilton (editor), "Events," Sun Microsystems JavaBeans™, chapter 6, pages 24-39 (1996, 1997)
			Black, D.L., "Scheduling Support for Concurrency and Parallelism in the Mach Operating System," Computer, pp. 35-43 (May 1990)
EXAMINER:			DATE

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Art Unit: 2756

OTHER DOCUMENTS

King, A., "Inside Windows™ 95," Microsoft Press, pp. 103-150 (1994)

Abadi et al., "A Calculus for access Control in Distributed Systems," pp. iii-viii and 1-44 (February 1991)

Abadi, "Baby Modula-3 and a Theory of Objects," SRC Research Report, pp. iii-iv and 1-36 (February 1993)

Birrell et al., "Synchronization Primitives for a Multiprocessor: A Formal Specification," SRC Research Report, pp. i-iii and 1-20 (August 1987)

Birrell, "An Introduction to Programming with Threads," SRC Research Report, pp. 1-33 (January 1989)

Broy et al., "Can Fair Choice be Added to Dijkstra's Calculus?," SRC Research Report, pp. 1-17 (February 1989)

Burstall et al., "A Kernal Language for Modules and Abstract Data Types," SRC Research Report, pp. 2-51 (September 1984)

Cardelli, "A Polymorphic lambda-calculus with Type:Type," SRC Research Report, pp. 1-27 (May 1986)

Cardelli et al., "Modula-3 Report (revised)," SRC Research Report, pp. 1-71 (November 1989)

EXAMINER:

DATE

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EXHIBIT

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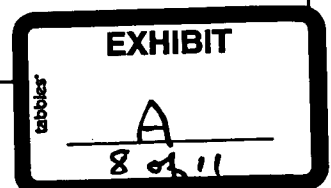
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	Applicant: Helland et al.	
	Filed: October 22, 1999	Art Unit: 2756

OTHER DOCUMENTS

			DeTreville, "Experience with Concurrent Garbage Collectors for Modula-2+." SRC Research Report, pp. 1-54 (November 1990)
			Ellis et al., "Real-time Concurrent Collection on Stock Multiprocessors," SRC Research Report, pp. 1-24 (February 1988)
			Horning et al., "Some Useful Modula-3 Interfaces," SRC Research Report, pp. iii-vii and 1-103 (December 1993)
			Lamport, "A Fast Mutual Exclusion Algorithm," SRC Research Report, pp. iii and 1-12, (November 1985)
			Lamport, "A Simple Approach to Specifying Concurrent Systems," SRC Research Report, pp. iii-viii and 1-39 (December 1986)
			Lamport, "Concurrent Reading and Writing of Clocks," SRC Research Report, pp. iii-vi and 1-7 (April 1988)
			Lamport, "How to Make a Correct Multiprocess Program Execute Correctly on a Multiprocessor," SRC Research Report, pp. iii-vii and 1-10 (February 1993)
			Lamport, "On Interprocess Communication," SRC Research Report, pp. iii-viii and 1-50 (December 1985)
			Lamport, "win and sin: Predicate Transformers for Currency," SRC Research Report, pp. iii-ix and 1-43 (May 1987)

EXAMINER:	DATE:
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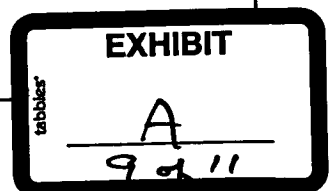
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OTHER DOCUMENTS

			McJones et al., "Evolving the UNIX System Interface to Support Multithreaded Programs," SRC Research Report, pp. 1-80 (September 1987)
			Nelson, "A Generalization of Dijkstra's Calculus," SRC Research Report, pp. 1-56 (April 1987)
			Owicki, "Experience with the Firefly Multiprocessor Workstation," SRC Research Report, pp. 1-17 (September 1989)
			Roberts et al., "WorkCrews: An Abstraction for Controlling Parallelism," SRC Research Report, pp. 1-17 (April 1989)
			Rovner et al., "On Extending Modula-2 for Building Large, Integrated Systems," SRC Research Report, pp. 1-45 (January 1985)
			Schroeder et al., "Performance of Firefly RPC," pp. 1-15 (April 1989)
			Thacker et al., "Firefly: A Multiprocessor Workstation," SRC Research Report, pp. 1-17 (December 1987)
			D. Bruce, "The Treatment of State in Optimistic Systems", IEEE, pp. 40-49 (June 1995).
			OMG, The Common Object Request Broker: Architecture and Specification, revision 2.0, chapter 2; chapter 4, pp. 12-16 (July 1995).

EXAMINER:	DATE:
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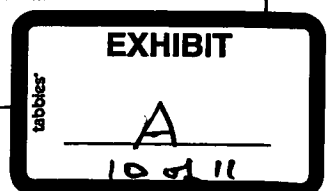
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OTHER DOCUMENTS

			Nance, "Balance the Load with Transaction Server," BYTE Magazine, pp. 1-8 (June 1997).
			Neumann, "Security and Privacy Issues in Computer and Communication Systems," Ch. 89, The Computer Science and Engineering Handbook, (Tucker, Ed.), pp. 1910-1913 (1997).
			Landwehr, "Protection (Security) Models and Policy, Ch. 90, The Computer Science and Engineering Handbook, (Tucker, Ed.), pp. 1914-1928 (1997).
			Sandhu et al., "Authentication, Access Control, and Intrusion Detection," Ch. 91, The Computer Science and Engineering Handbook, (Tucker, Ed.), pp. 1929-1948 (1997).
			Bellovin, "Network and Internet Security," Ch. 92, The Computer Science and Engineering Handbook, (Tucker, Ed.), pp. 1949-1961 (1997).
			Jajodia, "Database Security and Privacy," Ch. 49, The Computer Science and Engineering Handbook, (Tucker, Ed.), pp. 1112-1124 (1997).
			Davis, "Inside IBM's SystemView," Datamation 37: 4, p. 62 (February 25, 1991)
			Bochenski, IBM's SystemView, 1st Edition, Computer Technology Research Corporation, 1991
			Deitel and Associates, "Classes and Data Abstraction," C++ How to Program, Chapter 6, pp. 344-356, (1994).

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OTHER DOCUMENTS

			Cornell et al., "Objects and Classes," Core Java, 2nd Edition, The Sunset Press Java Series, Ch. 4, pp 93-139 (1997).
			Brockschmidt, "Inside OLE," (second edition), Chapter 1, "An Overview of OLE," pp. 3-60, and Part I: pp. 248-251 (1995).
			Orfali et al., "RPC, Messaging, and Peer-to-Peer," Essential Client/Server Survival Guide chapter 9, pages 119-128 (1994)
			Tomsen, "Virtually Crash-Proof your Web site with IIS 4.0," Microsoft Interactive Developer, 2:10, pp. 41-46 (October 1997).
			Hackathorn R., "Publish or Perish, Solutions to overworked networks and unruly software distribution are just part of P&S," BYTE Magazine, pp. 1-15 (9/1997).
			"The Component Object Model: Technical Overview," Microsoft Corporation, pp. 1-17. (1996)

U.S. PATENT APPLICATIONS

Init.*	Application Number	Filing Date	Name	Class	Sub	Filed
	09/328,683	06/08/99	Williams et al.			
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